

Title (en)
FILAGGRIN GENE EXPRESSION PROMOTER

Title (de)
FILAGGRIN-GEN-EXPRESSIONSPROMOTER

Title (fr)
PROMOTEUR D'EXPRESSION DU GÈNE DE FILAGGRINE

Publication
EP 2883548 B1 20190102 (EN)

Application
EP 13828308 A 20130329

Priority
• JP 2012178486 A 20120810
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Abstract (en)
[origin: EP2883548A1] The present invention provides a novel substance that promotes expression of filaggrin gene involved in improvement of the moisture retention function of skin. The inventors of the present invention found that expression of filaggrin gene fluctuates rhythmically over a roughly 24 hour cycle, screened candidate substances based on the time at which expression reaches a maximum following addition of the candidate substance, and identified zanthoxylum extract, 3-(1'-piperidine)propionic acid, geranium oil, cypress oil, rose oil, galvanum oil, pepper oil, basil oil, methyl-o-toluate, methyl anthranilate and dimethyl anthranilate as filaggrin gene expression promoting agents.

IPC 8 full level
A61K 8/37 (2006.01); **A61K 8/44** (2006.01); **A61K 8/49** (2006.01); **A61K 8/92** (2006.01); **A61K 8/97** (2017.01); **A61K 31/235** (2006.01); **A61K 31/245** (2006.01); **A61K 36/75** (2006.01); **A61K 36/758** (2006.01); **A61K 47/10** (2017.01); **A61K 47/14** (2017.01); **A61K 47/44** (2017.01); **A61P 17/00** (2006.01); **A61Q 19/00** (2006.01); **A61Q 19/10** (2006.01)

CPC (source: CN EP KR US)
A61K 8/37 (2013.01 - CN KR US); **A61K 8/411** (2013.01 - CN US); **A61K 8/44** (2013.01 - EP US); **A61K 8/445** (2013.01 - EP KR US); **A61K 8/4926** (2013.01 - CN KR US); **A61K 8/922** (2013.01 - CN EP KR US); **A61K 8/97** (2013.01 - CN); **A61K 8/9767** (2017.07 - EP US); **A61K 8/9789** (2017.07 - EP KR US); **A61K 9/0014** (2013.01 - EP US); **A61K 9/06** (2013.01 - EP US); **A61K 9/2018** (2013.01 - EP US); **A61K 9/2068** (2013.01 - EP US); **A61K 9/5042** (2013.01 - EP US); **A61K 31/216** (2013.01 - CN); **A61K 31/235** (2013.01 - EP US); **A61K 31/245** (2013.01 - CN EP US); **A61K 31/445** (2013.01 - CN); **A61K 36/14** (2013.01 - CN EP US); **A61K 36/15** (2013.01 - CN); **A61K 36/185** (2013.01 - CN EP US); **A61K 36/23** (2013.01 - EP US); **A61K 36/53** (2013.01 - CN EP US); **A61K 36/67** (2013.01 - CN EP US); **A61K 36/73** (2013.01 - EP US); **A61K 36/738** (2013.01 - CN); **A61K 36/758** (2013.01 - CN EP US); **A61K 47/10** (2013.01 - EP US); **A61K 47/14** (2013.01 - EP US); **A61K 47/44** (2013.01 - EP US); **A61P 17/00** (2017.12 - EP); **A61P 17/16** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **A61Q 1/02** (2013.01 - CN); **A61Q 19/00** (2013.01 - CN EP KR US); **A61Q 19/007** (2013.01 - KR US); **A61Q 19/10** (2013.01 - CN); **A61K 2800/70** (2013.01 - US); **A61K 2800/74** (2013.01 - US)

Citation (examination)
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